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Hall, V.J., Ruddock, N.T., Cooney, M.A., Korfiatis, N.A., Tecirlioglu, R.T., Downie, S., Williamson, M. and French, A.J., Production of a cloned calf using zona-free serial nuclear transfer, (65) (2006) 424
Hallap, T., Nagy, S., Jaakma, Ü., Johannisson, A. and Rodriguez-Martinez, H., Usefulness of a triple fluorochrome combination Merocyanine 540/Yo-Pro 1/Hoechst 33342 in assessing membrane stability of viable frozen-thawed spermatozoa from Estonian Holstein AI bulls, (65) (2006) 1122
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Jang, G., Bhuiyan, M.M.U., Jeon, H.Y., Ko, K.H., Park, H.J., Kim, M.K., Kim, J.J., Kang, S.K., Lee, B.C. and Hwang, W.S., An approach for producing transgenic cloned cows by nuclear transfer of cells transfected with human alpha 1-antitrypsin gene, (65) (2006) 1800
Jellerette, T., Melican, D., Butler, R., Nims, S., Ziomek, C., Fissore, R. and Gavin, W., Characterization of calcium oscillation patterns in caprine oocytes induced by IVF or an activation technique used in nuclear transfer, (65) (2006) 1575
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Kanuya, N.L., Matiko, M.K., Kessy, B.M., Mgongo, F.O., Ropstad, E. and Reksen, O., A study on reproductive performance and related factors of zebu cows in pastoral herds in a semi-arid area of Tanzania, (65) (2006) 1859
Karja, N.W.K., Otoi, T., Wongsrikeao, P., Murakami, M., Agung, B., Fahrudin, M. and Nagai, T., In vitro development and post-thaw survival of blastocysts derived from delipidated zygotes from domestic cats, (65) (2006) 415
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Kasimanickam, R., Pelzer, K.D., Kasimanickam, V., Swecker, W.S. and Thatcher, C.D., Association of classical semen parameters, sperm DNA fragmentation index, lipid peroxidation and antioxidant enzymatic activity of semen in ram-lambs, (65) (2006) 1407
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Kim, H.-s., Lee, G.-s., Kim, J.-h., Kang, S.-k., Lee, B.-c. and Hwang, W.-s., Expression of leptin ligand and receptor and effect of exogenous leptin supplement on in vitro development of porcine embryos, (65) (2006) 831
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King, S.S., Speiser, S.A., Jones, K.L., Apgar, G.A. and Wessels, S.E., Equine spermatozoal motility and fertility associated with the incorporation of D-(+)-mannose into semen extender, (65) (2006) 1171
King, W.A., Coppola, G., Alexander, B., Mastromonaco, G., Perrault, S., Nino-Soto, M.I., Pinton, A., Joudrey, E.M. and Betts, D.H., The impact of chromosomal alteration on embryo development, (65) (2006) 166
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Kobayashi, M., Lee, E.-S. and Fukui, Y., Cysteamine or β-mercaptoethanol added to a defined maturation medium improves blastocyst formation of porcine oocytes after intracytoplasmic sperm injection, (65) (2006) 1191
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Lamote, I., Meyer, E., De Ketelaere, A., Duchateau, L. and Burvenich, C., Expression of the estrogen receptor in blood neutrophils of dairy cows during the periparturient period, (65) (2006) 1082
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Lonergan, P., Fair, T., Corcoran, D. and Evans, A.C.O., Effect of culture environment on gene expression and developmental characteristics in IVF-derived embryos, (65) (2006) 137
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López-Gatius, F., Santolaria, P., Martino, A., Delétang, F. and De Rensis, F., The effects of GnRH treatment at the time of AI and 12 days later on reproductive performance of high producing dairy cows during the warm season in northeastern Spain, (65) (2006) 820
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Machado, S.A., Reichenbach, H.-D., Weppert, M., Wolf, E. and Gonçalves, P.B.D., The variability of ovum pick-up response and in vitro embryo production from monozygotic twin cows, (65) (2006) 573
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Martinez-Pastor, F., Garcia-Macias, V., Alvarez, M., Chamorro, C., Herraez, P., de Paz, P. and Anel, L., Comparison of two methods for obtaining spermatozoa from the cauda epididymis of Iberian red deer, (65) (2006) 471
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McNeill, R.E., Diskin, M.G., Sreenan, J.M. and Morris, D.G., Associations between milk progesterone concentration on different days and with embryo survival during the early luteal phase in dairy cows, (65) (2006) 1435
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Mehaisen, G.M.K., Viudes-de-Castro, M.P., Vicente, J.S. and Lavara, R., In vitro and in vivo viability of vitrified and non-vitrified embryos derived from eCG and FSH treatment in rabbit does, (65) (2006) 1279
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Mori, M., Otoi, T., Wongsrikeao, P., Agung, B. and Nagai, T., Effects of β-mercaptoethanol and cycloheximide on survival and DNA damage of

bovine embryos stored at 4 °C for 72 h, (65) (2006) 1322
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Ock, S.-A., Kwack, D.-O., Lee, S.-L., Cho, S.-R., Jeon, B.-G., Kumar, B.M., Choe, S.-Y. and Rho, G.-J., In vitro development of bovine oocytes reconstructed with round spermatids, (65) (2006) 1242
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Ozawa, M., Nagai, T., Kaneko, H., Noguchi, J., Ohnuma, K. and Kikuchi, K., Successful pig embryonic development in vitro outside a CO_2 gas-regulated incubator: Effects of pH and osmolality, (65) (2006) 860
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Suzuki, M., Misumi, K., Ozawa, M., Noguchi, J., Kaneko, H., Ohnuma, K., Fuchimoto, D.-i., Onishi, A., Iwamoto, M., Saito, N., Nagai, T. and Kikuchi, K., Successful piglet production by IVF of oocytes matured in vitro using NCSU-37 supplemented with fetal bovine serum, (65) (2006) 374
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